

Message Text

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ORIGIN EB-08

INFO OCT-01 EUR-12 ISO-00 DODE-00 NSAE-00 ICA-11
TRSE-00 SOE-02 DOE-15 CIAE-00 COME-00 EA-10
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C O N F I D E N T I A L STATE 157239

USOECD, EXCON

E.O. 11652: XGDS-1

TAGS:ESTC, COCOM, JA, CH

SUBJECT: JAPANESE EXPORT OF A COMPUTER SYSTEM TO CHINA
I - 1565

REF: A. COCOM DOC (78) 343 B. 78 STATE 129053

THE HITACHI M-160II SYSTEM IS PROPOSED FOR USE IN SEISMIC
DATA ANALYSIS IN THE PRC. THE SYSTEM EXCEEDS THE LIMITS
OF NOTE 12 IN SEVERAL RESPECTS, THE MOST NOTABLE OF WHICH
INCLUDE THE COMPLEMENT OF TEN 3330 TYPE DISCS AND A
TEKTRONIX 4014 GRAPHIC DISPLAY. BEFORE AN ANALYSIS OF THE
SYSTEM CAN BE COMPLETED CERTAIN ADDITIONAL INFORMATION AND
CLARIFICATIONS ARE REQUIRED:

1. DOES THE PROPOSED SYSTEM INCLUDE AN ARRAY TRANSFORM
PROCESSOR OR FAST FOURIER TRANSFORM PROCESSOR? IF SO, PLEASE
PROVIDE COMPLETE TECHNICAL DESCRIPTION INCLUDING FFT, VECTOR
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ADD RATE AND VECTOR MOVE RATE PERFORMANCE DATA.

2. THE PROPOSED DISC FRIVE CAPACITY OF 8,000 MBITS GREATLY
EXCEEDS THE 3,200 MBIT LIMIT OF NOTE 12 AND PREVIOUS EXPORTS
OF SEISMIC EQUIPMENT. US CONCURRENCE OF MORE THAN SIX
SPINDLES (4,800 MBITS) IS UNLIKELY.

3. WHAT ARE THE INSTALLATION SITES OF THE PROPOSED CENTRAL
SYSTEM AND CONNECTED REMOTE TERMINAL EQUIPMENT?

4. REFERENCES TO CERTAIN CONTRACTUAL AGREEMENTS REGARDING THE CONDITIONS OF NOTE 12(D) AND (E) HAVE BEEN GIVEN, BUT SPECIFIC DETAILS ARE NOT PROVIDED. PLEASE PROVIDE COMPLETE

INFORMATION REGARDING THE MANNER IN WHICH ALL OF THE NOTE 12 (D) AND (E) CONDITIONS ARE TO BE SATISFIED.

5. TWO COMMUNICATIONS CHANNELS ARE PROPOSED WITH A TOTAL EFFECTIVE BIT TRANSFER RATE OF 3,360 BPS. THUS, IT IS NOT CLEAR WHY THE TYPE H-8622-1 COMMUNICATIONS CONTROL PROCESSOR IS REQUESTED, WHICH CAN SUPPORT UP TO 384 CONNECTED COMMUNICATIONS CHANNELS WITH A TOTAL THROUGHPUT OF 48,000 BPS, INSTEAD OF THE LOWER PERFORMANCE H-8664-1 COMMUNICATIONS PROCESSOR, WHICH SUPPORTS EIGHT LINES FOR A TOTAL THROUGHPUT OF 9,600 3PS.

6. PLEASE RECONCILE THE REMOTE TERMINAL EFFECTIVE BIT TRANSFER RATE OF 1.680 BPS (GIVEN FOR NOTE 12(5)) WITH THE TEKTRONIX 4014 MANUFACTURER'S SPECIFICATION OF 9,600BPS GIVEN FOR THIS CHARACTERISTIC.

7. THE TOTAL EFFECTIVE BIT TRANSFER RATE OF REMOTE TERMINAL DEVICES REPORTED FOR NOTE 12(6) (I) APPEARS TO BE INCONSISTENT WITH THE NUMBER OF COMMUNICATIONS LINES CONNECTED TO THE SYSTEM. VANCE

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Message Attributes

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